

~~Heart disease~~ ~~py~~

~~Method of Screening remedy for heart disease and medicinal composition for treating~~

ARM	DEEP M
1	1000
2	950
3	900
4	850
5	800
6	750
7	700
8	650
9	600
10	500

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Document for Published Patent Application				
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PHARMACEUTICAL CO., LTD. ask

1. A method of treating a disease, comprising administering to a patient a therapeutically effective amount of a compound of the formula (I), wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

2. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

3. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

4. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

5. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

6. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

7. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

8. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

9. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:

10. The method of claim 1, wherein the compound of the formula (I) is a derivative of a known compound, and the derivative is a compound of the formula (I) in which the substituent R is defined as follows:



DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**A SCREENING METHOD OF A SUBSTANCE FOR THERAPY OF CARDIAC DISEASE AND
A PHARMACEUTICAL COMPOSITION FOR THERAPY OF CARDIAC DISEASE**

the application of which
☐ is attached hereto

OR

☒ was filed on April 15, 2004 as United States
Application Number or PCT International Application Number
PCT/JP2004/005382 (Confirmation No. _____),
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)
P. 2003-111703

Country
Japan

Foreign Filing Date
April 16, 2003

Priority Claimed	
Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

I hereby claim domestic priority benefits under 35 United States Code §120 of any United States application(s), §119(e) of any United States provisional application(s), or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)

U.S. or International Filing Date

Status

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.



23373

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

T Hong

Sher

Zoe Bardsley

2005

ASSIGNMENT

Whereas, I/we Tasuku HONJO and Taku OKAZAKI, both of Kyoto, Japan

hereinafter called assignor(s), have invented certain improvements in

A SCREENING METHOD OF A SUBSTANCE FOR THERAPY OF CARDIAC DISEASE AND
A PHARMACEUTICAL COMPOSITION FOR THERAPY OF CARDIAC DISEASE
and executed an application for Letters Patent of the United States of America therefor on

October 11, 2005; and

Whereas, ONO PHARMACEUTICAL CO., LTD. of
1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, OSAKA 541-8526 JAPAN
and Tasuku HONJO of
19-4, Ohsagi-cho, Iwakura, Sakyo-ku, Kyoto-shi, KYOTO 606-0001 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: October 11, 2005

[Signature]

Date: October 11, 2005

[Signature]

Date:

[Signature]

Date:

[Signature]

Date:

[Signature]

Date:

[Signature]

Date:

[Signature]